

# JINGTONG<sup>®</sup>

Two Way Radio Specialist

## JT-189

Professional FM Transceiver



**RF Output Power:5W/1W**

- CTCSS/DCS ▪ VOX built-in
- Emergency Alarm
- High/Low Power switch
- Chinese/English voice annunciation
- TOSHIBA MOS transistor



SIRIM Type Approved

## MAIN FUNCTION

- RF Output Power: 5W/1W
- CTCSS/DCS
- Emergency Alarm
- Power Switch
- TOSHIBA MOS transistor
- VOX built-in
- High/Low Power switch
- Chinese/English voice annunciation
- Frequency Range: UHF (410-480Mhz)

## TECHNICAL SPECIFICATION

### General

Frequency Range	UHF 410-480Mhz	Working Temperature	-20°C~+60°C
Channel Capacity	16	Frequency Stability	± 2.5PPM
Operating Voltage	7.2VDC ± 15%	Dimension(without antenna)	122x61x37mm
Antenna Impedance	50Ω	Weight(W/Battery)	218g(Li-ion)
Channel Spacing	12.5/25KHz	Battery	1500mAH Li-ion

### Compatible With American Military Standard(MIL-STD-810C/D/E)

#### Transmitter(EIA-RS 316B STANDARD)

RF Power Output	5W/1W	Max Freq Deviation	<5KHz(1000KHz When 100%)
Modulation Type	F3E	FM Noise	≤ -45dB
Modulation Distortion	<5%(300-3000Hz)		

#### Receiver

(12dB SINAD) Sensitivity(12dB SINAD)	0.18uV	Modulation Type	16KOF3E
Selectivity	55dB	Audio Power Output	500mw When Distortion
Adjacent Channel Selectivity	≥ 70dB	Audio Distortion	<5%
Noise Respond	≥ 60dB	Operating Bandwidth	± 7KHz
FM Noise	45dB/40dB		

## APPLICATION SCOPE



Recreational



Security



Restaurant



Retail

Events

Hotel



Construction site

For more information, please contact:

